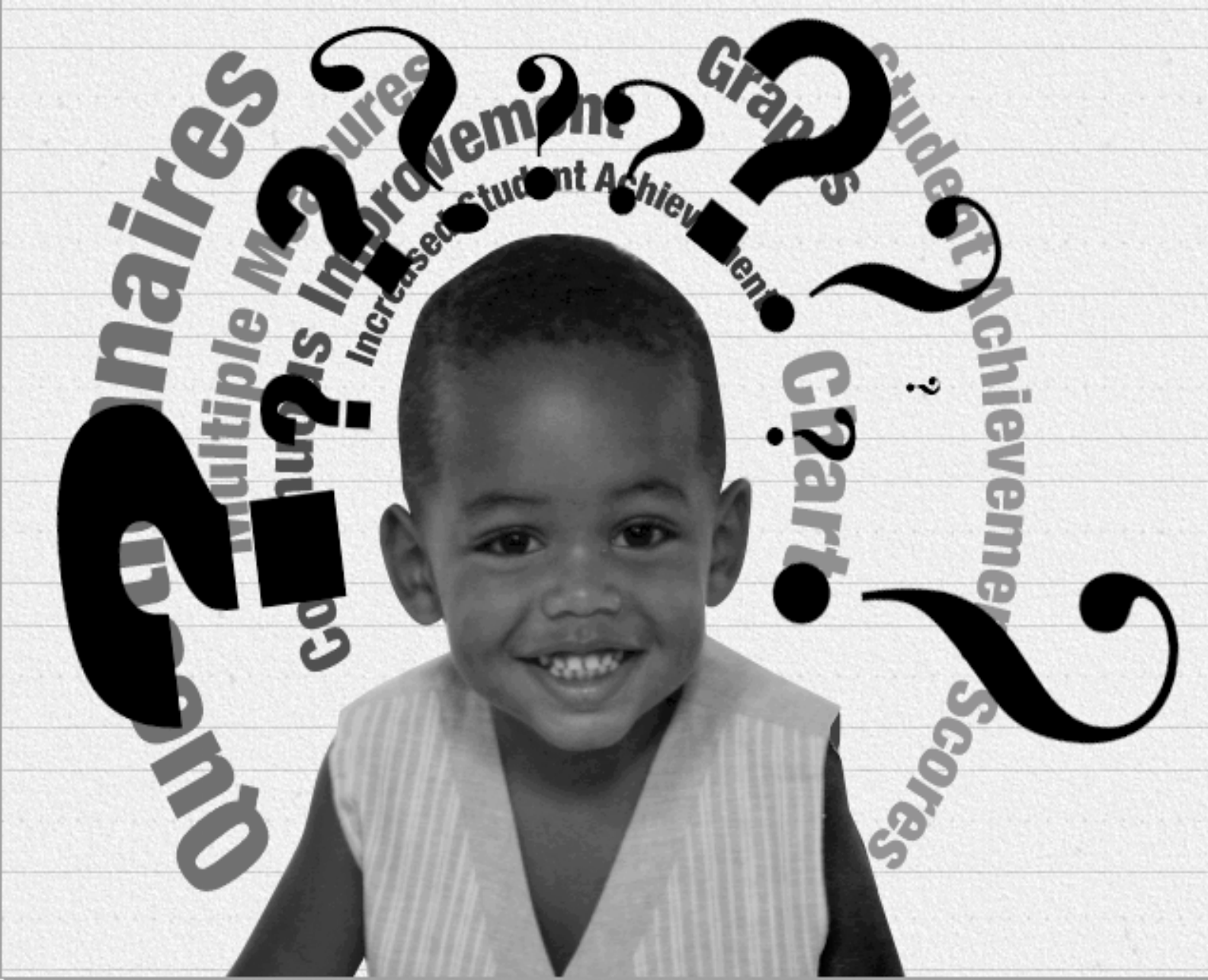


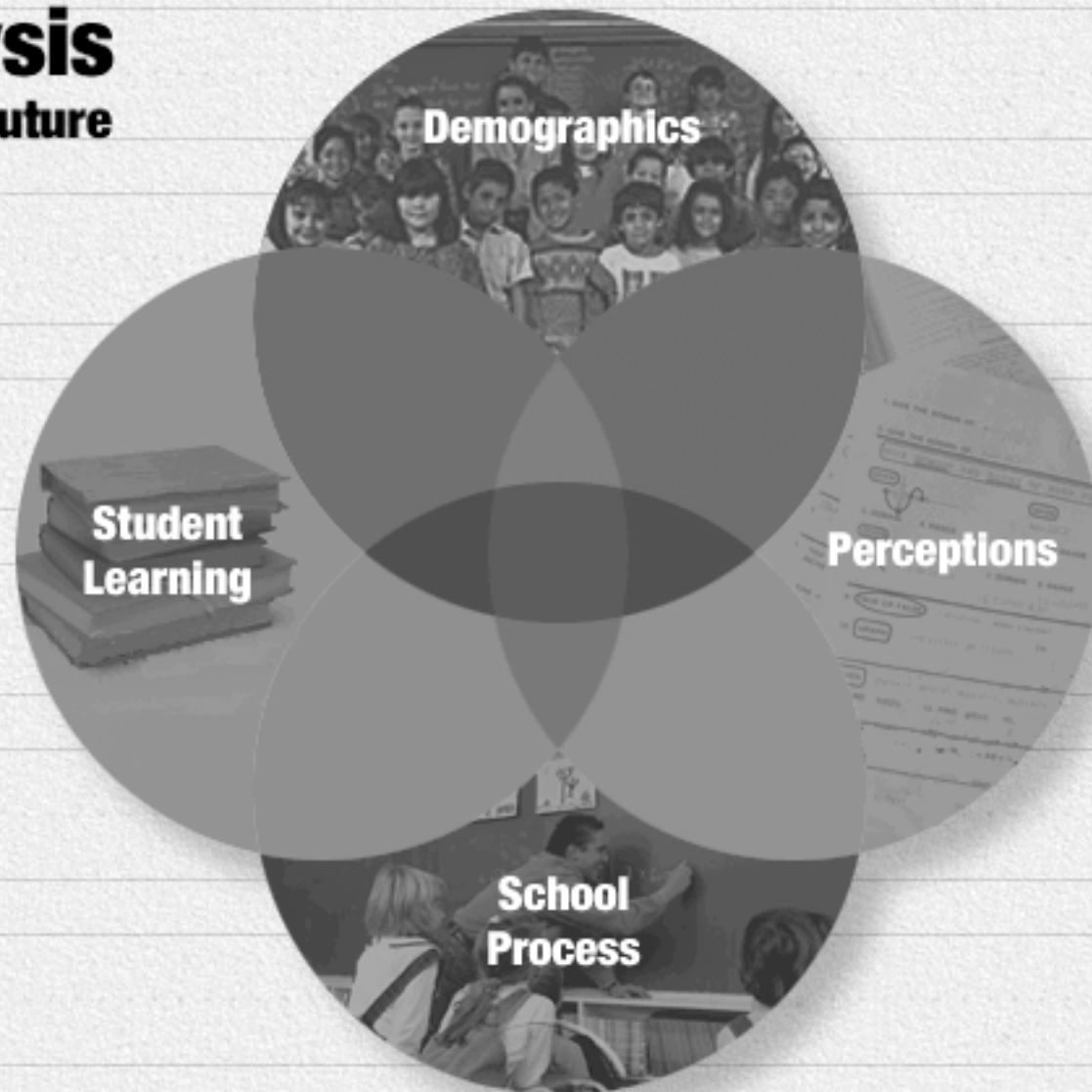


Data Analysis



Data Analysis

Education for the Future



Data Analysis

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DEMOGRAPHICS



STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



ENTER

Demographics

Because trends have a clear direction, instead of causing turbulence, they actually help reduce it because they have a significant amount of predictability.

Joel Barker



Demographics

Why are demographics important?

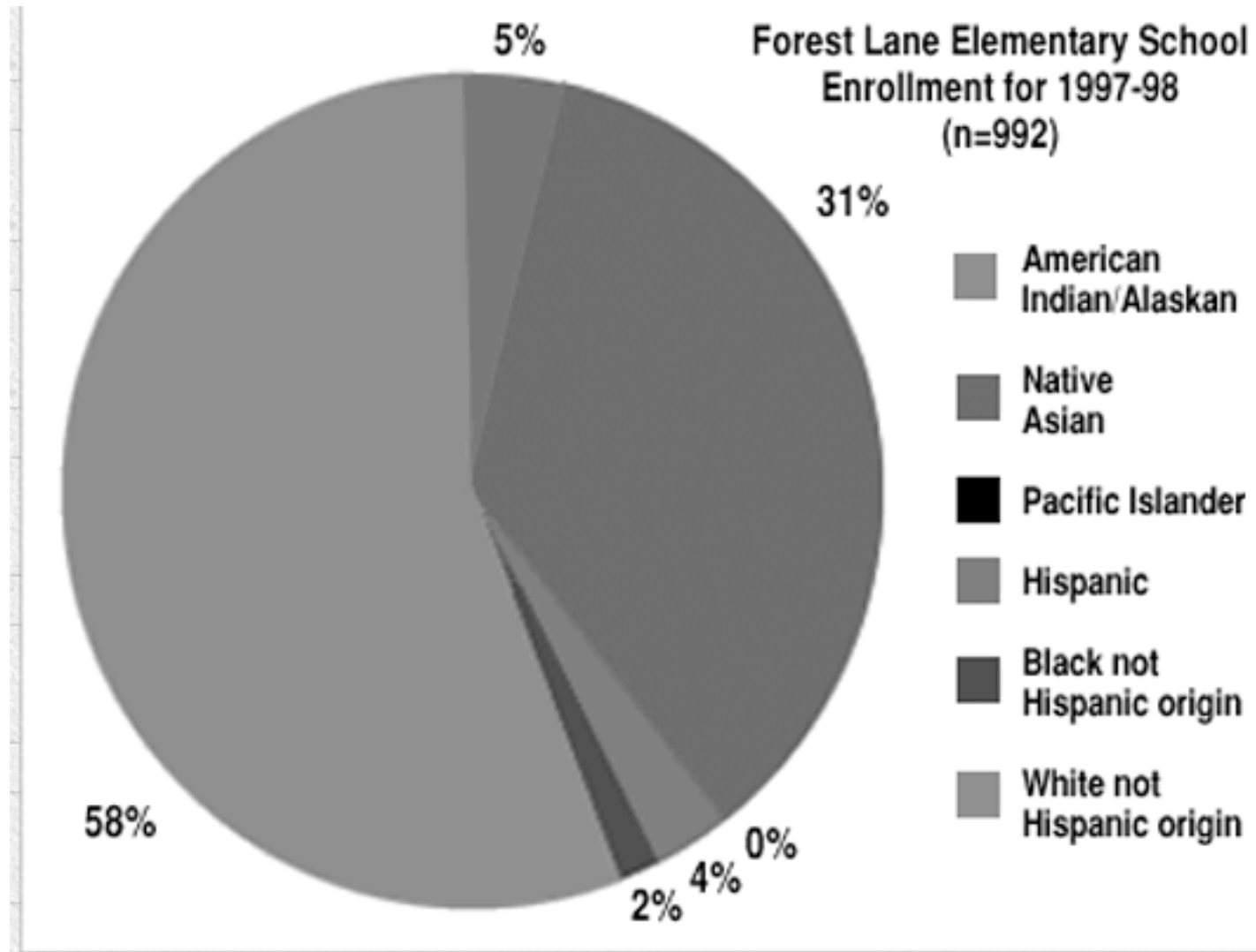
Build context

Show change

Disaggregation base

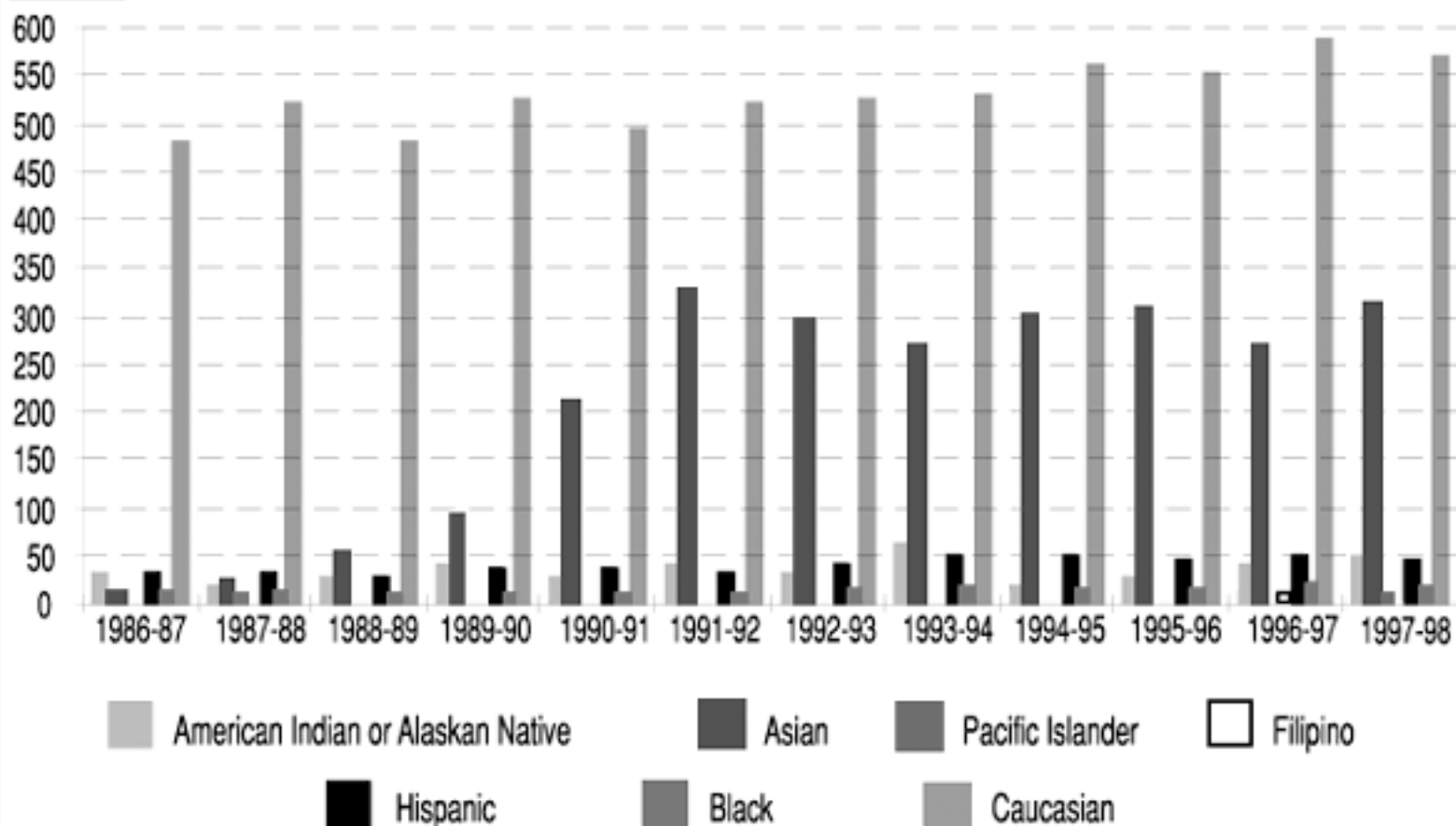
Prediction

**Forest Lane Elementary School
Enrollment for 1997-98
(n=992)**



Forest Lane Elementary School Student Population by Ethnicity 1986-87 to 1997-98

Number
of
Students



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PERCEPTIONS



SCHOOL PROCESS



ENTER

Perceptions

**Not to understand another person's way
of thinking does not make that person
confused.**

Michael Quinn Patten

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STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



ENTER

Perceptions

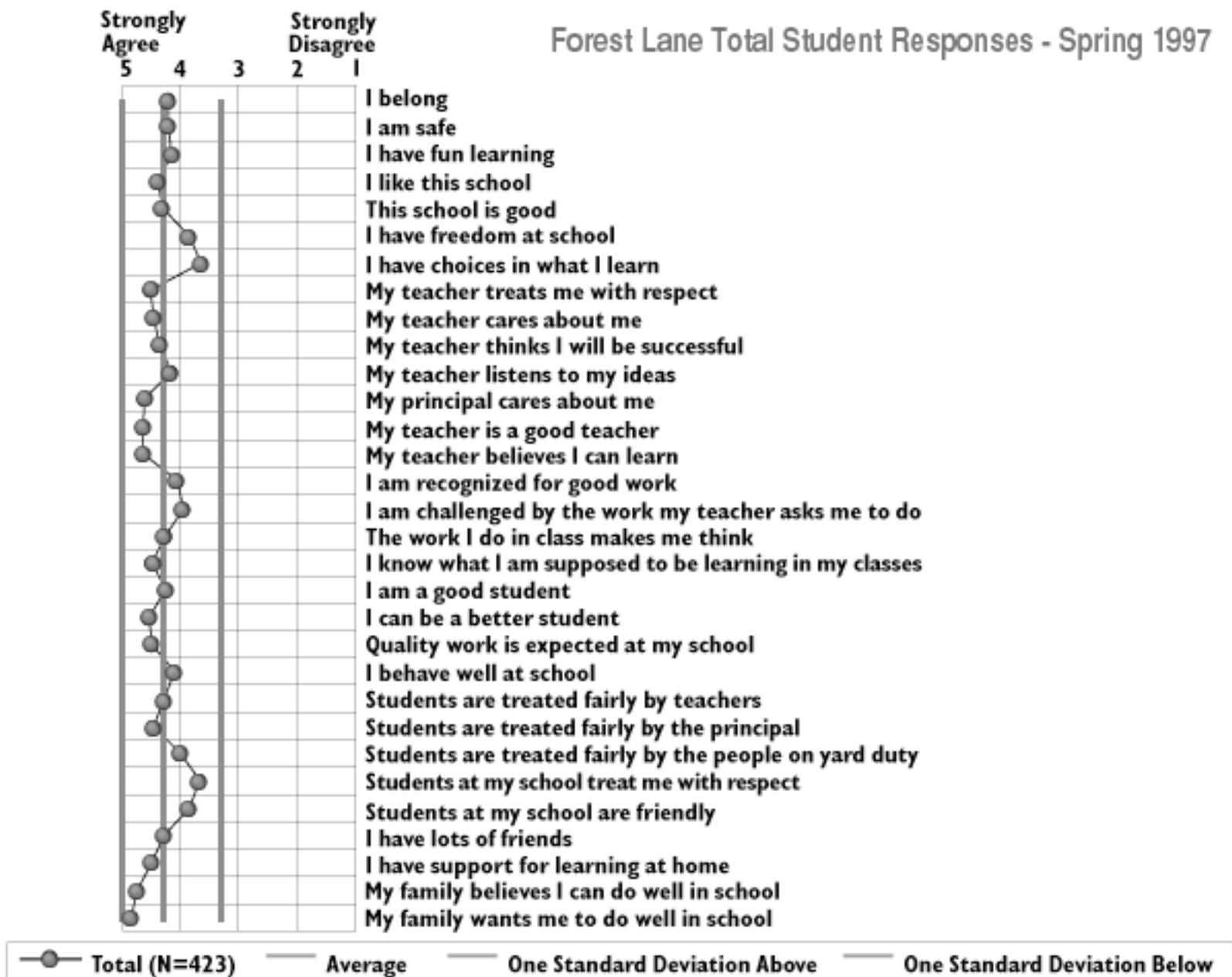
Why are they important?

Motivation

Satisfaction

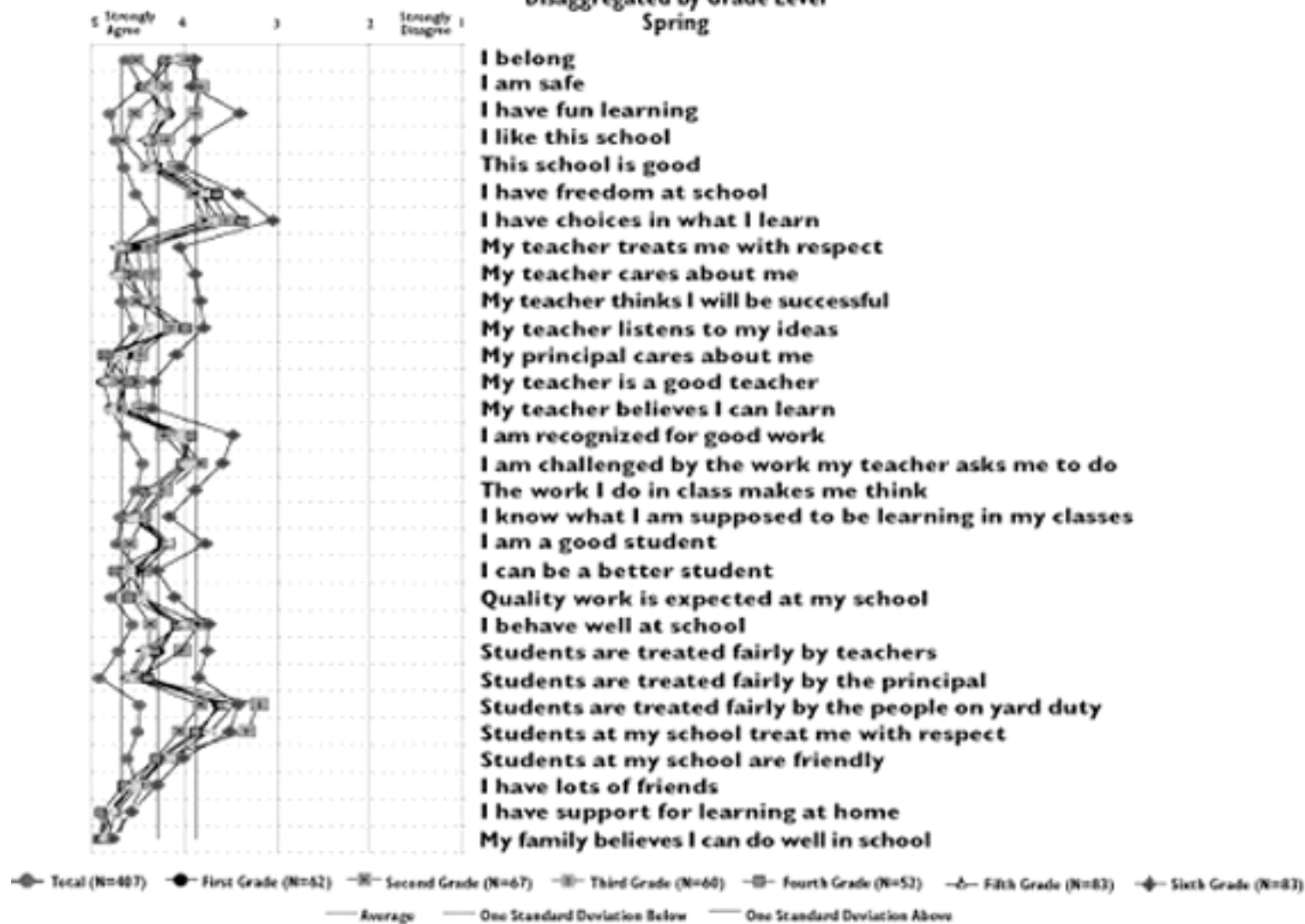
Client Perspective

Forest Lane Total Student Responses - Spring 1997

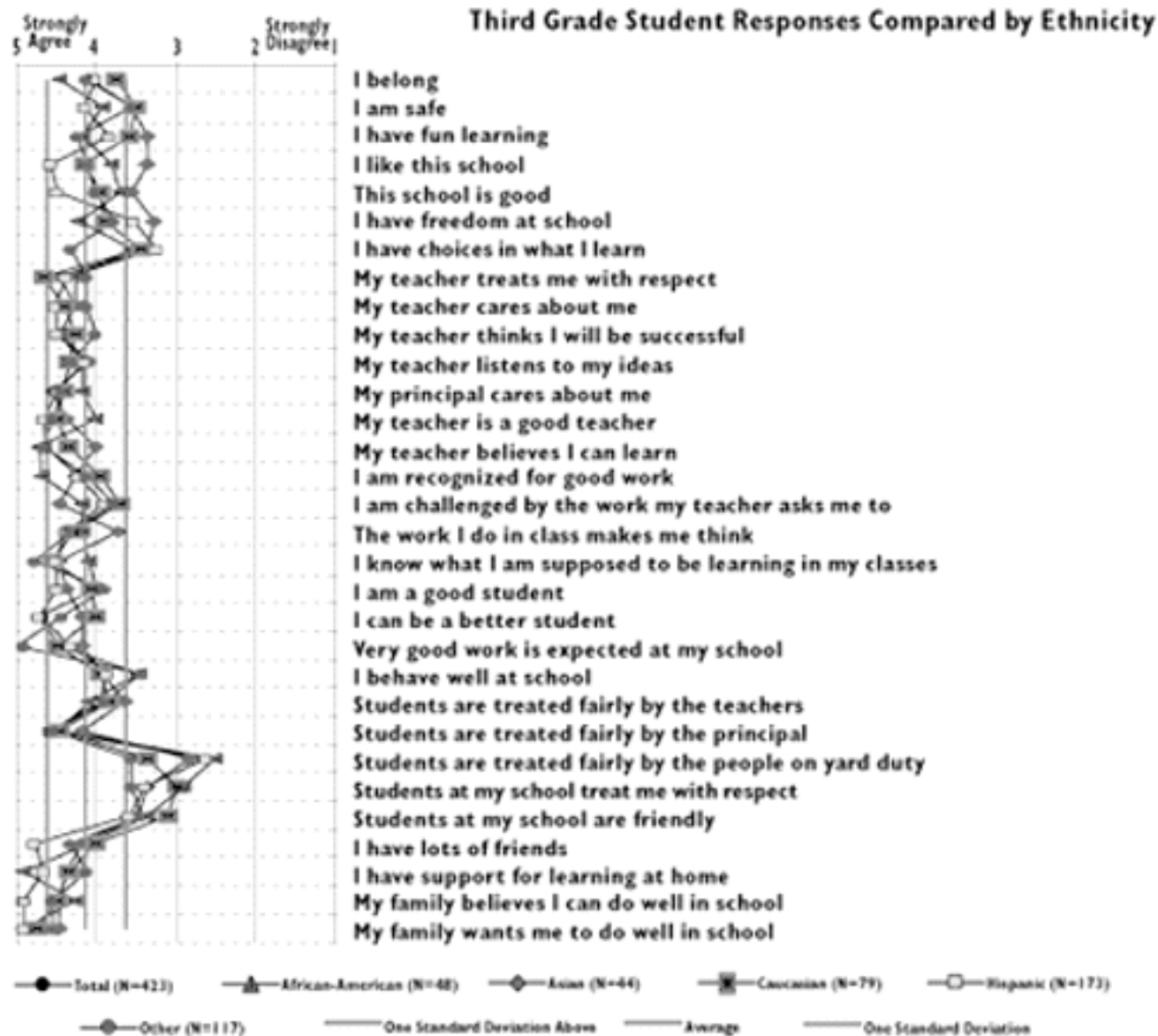


Deeper Analysis

Forest Lane Total Student Responses
Disaggregated by Grade Level
Spring



Deeper Analysis



Begin With the End in Mind



Plan



Administer



Create



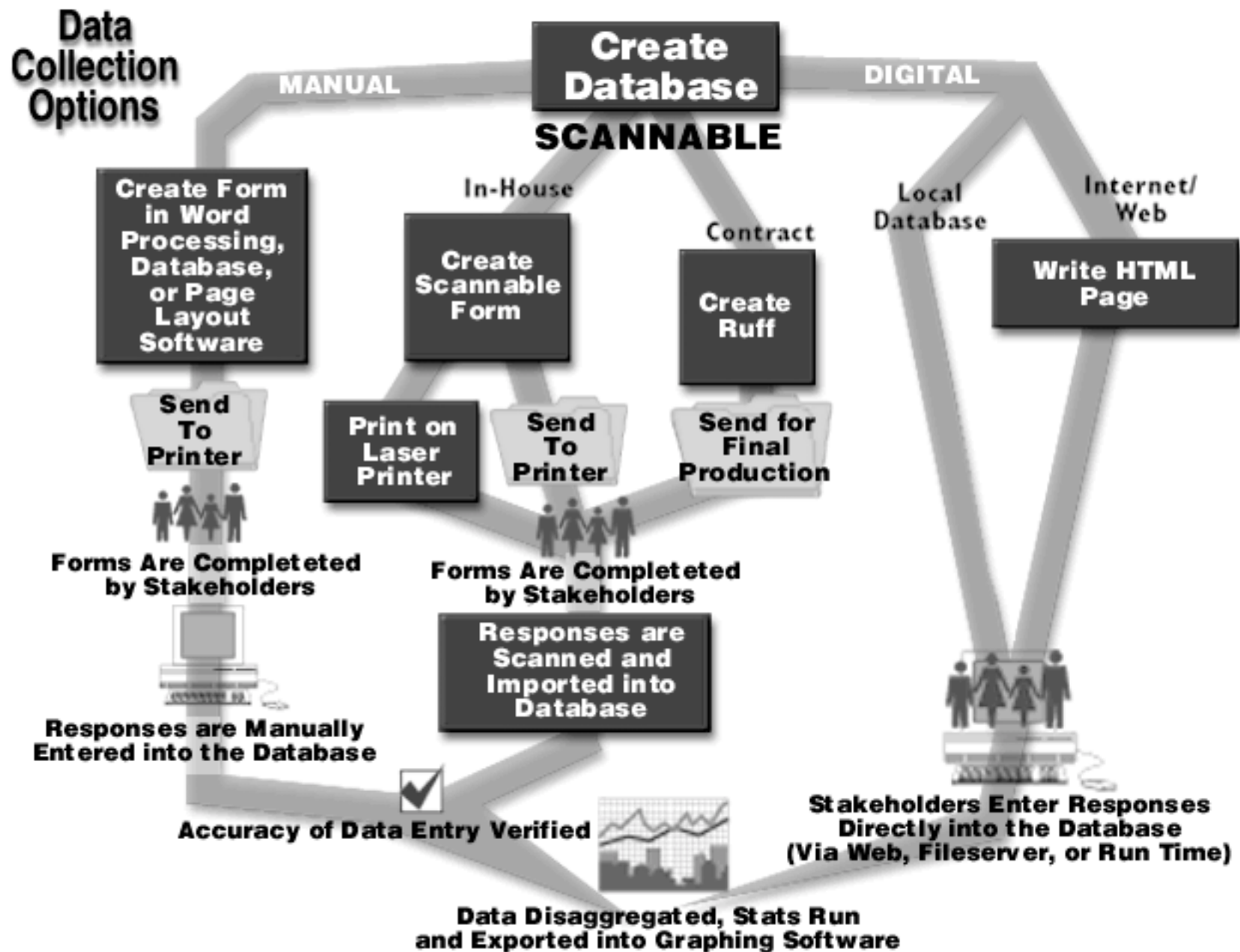
Analyze



Pilot



Share



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STUDENT LEARNING



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SCHOOL PROCESS



ENTER

Student Learning

**The way in which a local school
assesses student outcomes accurately
represents the educational outcomes
that the school cares most about.**

Lawrence Lezotte and Beverly Bancroft

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STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



ENTER

Student Learning

Why is Student Learning important?

Evaluate programs

Measure student proficiency

Diagnose learning problems

Make sure students
"do not fall through the cracks"

Assess individual or
group achievement

Certificate/graduate

Guide curriculum development
and revision

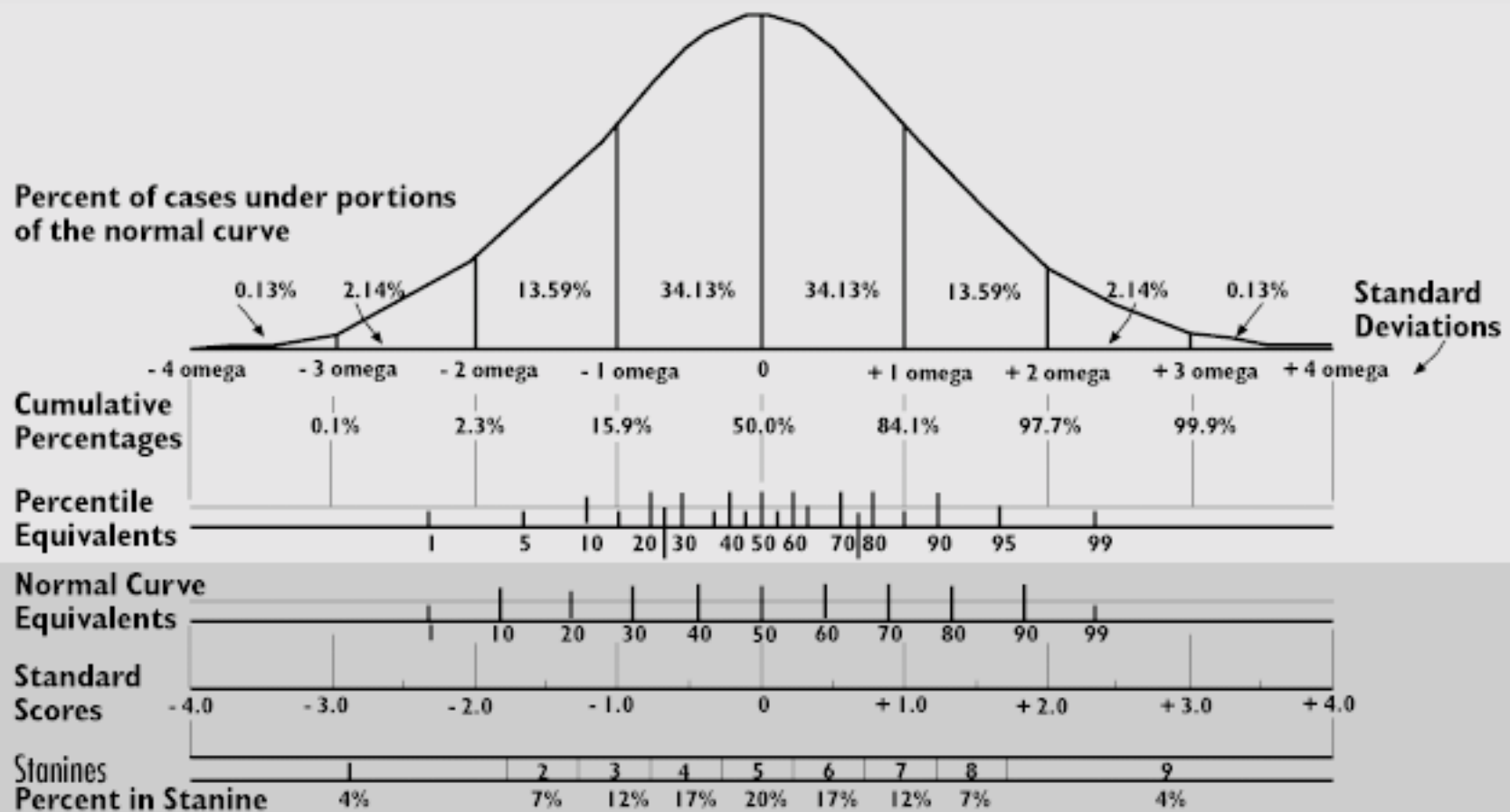
Improve instruction

Accountability

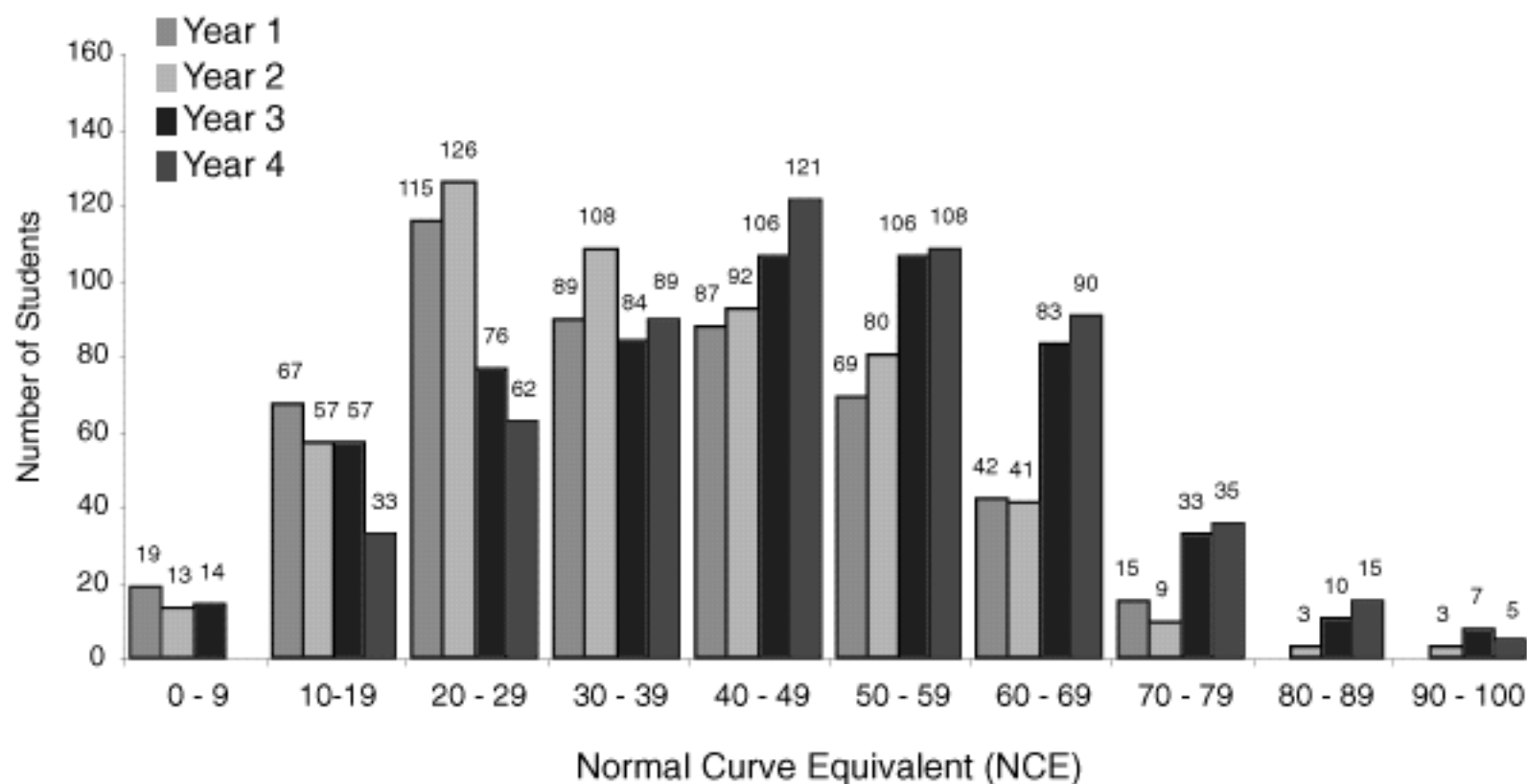
Understand which programs are
getting the results we want

Know if we are achieving
our educational outcomes

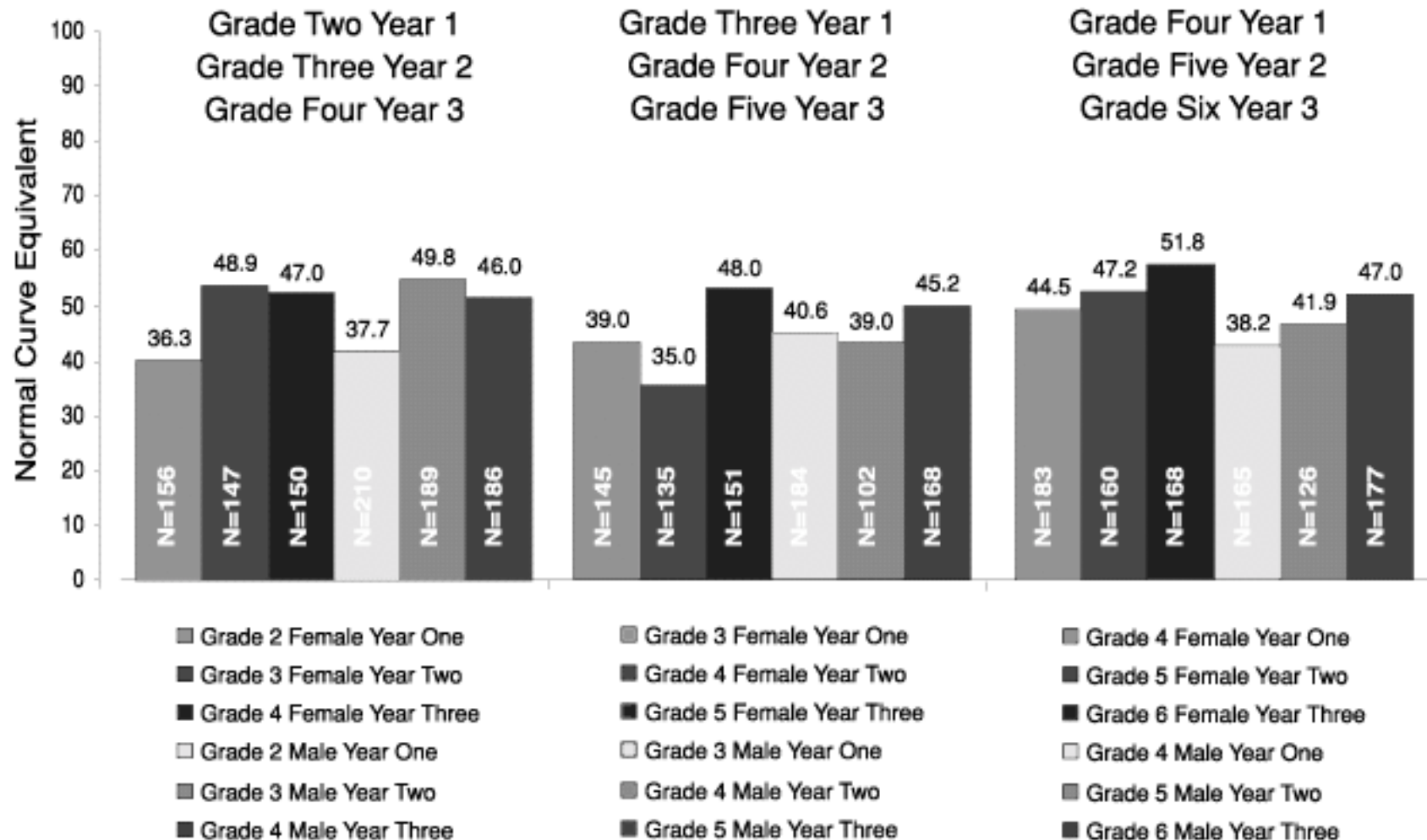
The Normal Curve, Percentiles, and Standard Scores



River Road Elementary School SAT9 NCE Language Decile Scores Years One, Two, Three, and Four



River Road Elementary School SAT9 NCE Total Math Score Cohorts by Gender



Data Analysis

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STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



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School Processes

Improvement is not achieved by focusing on results, but by focusing on improving the systems that create results.

National Leadership Network

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STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



ENTER

School Processes

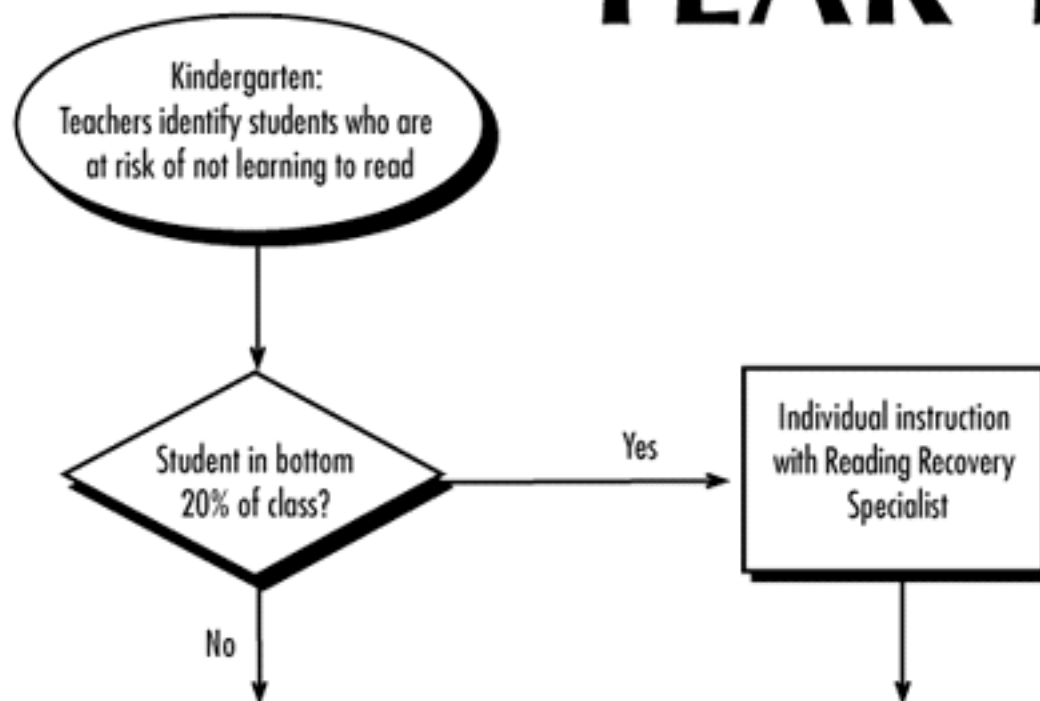
Why are they important?

Diagnose learning problems

Tell us how we get results

Inform us of what we need to do differently

YEAR 1



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STUDENT LEARNING



PERCEPTIONS



SCHOOL PROCESS



ENTER

Problem Solving Cycle

